

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Winthrop D. Childers et al

Confirmation No.: 2886

Application No.: 10/699435

Examiner: Melissa J Koval

Filing Date: Oct 31, 2003

Group Art Unit: 2851

Title: System For Enhancing The Quality Of An Image

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☒ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 5/11/04
OR

☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____
Number of pages: _____

Typed Name: Timothy F. Myers

Signature: Timothy F. Myers

Respectfully submitted,

Winthrop D. Childers et al

By Timothy F. Myers

Timothy F. Myers

Attorney/Agent for Applicant(s)
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Date: 5/11/04

Telephone No.: 541 715 4197

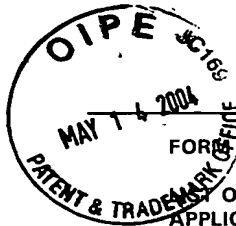
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PATENT APPLICATION

Sheet 1 of 3

FORM PTO-1449

OFFICE OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10019416-7

APPLICATION NO.

10/699,435

CONFIRMATION NO.

2886

APPLICANT

Winthrop D Childers et al

FILING DATE

Oct 31, 2003

GROUP

2851

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,274,492	Dec 28, 1993	Razzaghi	
	1B	4,759,605	Jul 26, 1988	Shen et al	
	1C	5,633,755	May 27, 1997	Manabe et al	
	1D	5,777,589	Jul 07, 1998	Gale et al	
	1E	5,934,778	Aug 10, 1999	Shioya	
	1F	6,100,862	Aug 08, 2000	Sullivan	
	1G	6,183,092	Feb 06, 2001	Troyer	
	1H	6,231,190	May 15, 2001	Dewald	
	1I	6,243,057	Jun 05, 2001	Blaxtan et al	
	1J	6,246,446	Jun 12, 2001	Heimbuch et al	
	1K	6,280,035	Aug 28, 2001	Tadic-Galeb et al	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	10019416-7	10/699,435	
	APPLICANT		
	Winthrop D Childers et al		
	FILING DATE	GROUP	
	Oct 31, 2003	2851	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6,293,680	Sep 25, 2001	Bruns	
	2B	6,304,316	Oct 16, 2001	Jain et al	
	2C	6,327,007	Dec 04, 2001	Shim	
	2D	5,993,009	Nov 1999	Choate	
	2E	5,661,546	Aug 1997	Taniguchi	
	2F	6,416,185	Jul 2002	Smith	
	2G	6,267,478	Jul 2001	Chen	
	2H	6,048,080	Apr 2000	Belliveau	
	2I	6,264,333	Jul 2001	Iizuka	
	2J	5,795,058	Aug 1998	Owen	
	2K	6,220,730	Apr 2001	Hewlett et al	

FOREIGN PATENT DOCUMENTS

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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

EXAMINER

DATE CONSIDERED

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 10019416-7	APPLICATION NO. 10/699,435	CONFIRMATION NO.
	APPLICANT Winthrop D Childers et al		
	FILING DATE Oct 31, 2003	GROUP 2851	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	3,603,722	Sep 1971	Graham	
	3B	6,457,833	Oct 2002	Ishikawa et al	
	3C				
	3D				
	3E				
	3F				
	3G				
	3H				
	3I				
	3J				
	3K				

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DATE CONSIDERED